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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/776,680	02/06/2001	Cornac Herley	10992881-1	2533

7590 05/24/2004

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, CO 80527-2400

EXAMINER
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DADA, BEEMNET W

ART UNIT	PAPER NUMBER
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2135

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DATE MAILED: 05/24/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/776,680

Applicant(s)

HERLEY ET AL.

Examiner

Beemnet W Dada

Art Unit

2135

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 06 February 2001.  
2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.  
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-18 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.  
6) ☒ Claim(s) 1-18 is/are rejected.  
7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.  
8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.  
10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)  
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)  
3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 4.  
4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.  
5) ☐ Notice of Informal Patent Application (PTO-152)  
6) ☐ Other: \_\_\_\_\_.

### DETAILED ACTION

1. Claims 1-18 have been examined.

#### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

3. Claims 1-18 are rejected under 35 U.S.C. 102(a) as being anticipated by Jandel et al. (hereinafter refereed to as Jandel) (PCT Publication No. WO 00/31964).

4. As per claim 1, Jandel teaches a method of partially encrypting an information file for delivery of content comprising:

dividing an information file into a first file and a second file (non-encrypted section and encrypted section) [page 3, paragraphs 3-5], wherein the second file includes content from the information file to preclude reconstruction of the information file using only first file (i.e., non-encrypted section of the file contains part or low resolution version of the full image. In order to construct a full image or a high resolution image the encrypted section of the file is required) [page 7, last paragraph and page 8, first paragraph]; and  
encrypting the second file [page 3, paragraph 3].

5. As per claim 8, Jandel teaches a method of receiving an information file in a device comprising:

receiving a first file and a second file (receiving a non-encrypted file and an encrypted file) [page 7, last paragraph and page 8, first paragraph], wherein the second file is encrypted and includes content from the information file to preclude reconstruction of the information file using only the first file (i.e., non-encrypted section of the file contains part or low resolution version of the full image. In order to construct a full image or a high resolution image the encrypted section of the file is required) [page 7, last paragraph and page 8, first paragraph]; and decrypting the second file [page 3, paragraph 4 and page 8, paragraph 1].

6. As per claim 12, Jandel teaches a system for partially encrypting an information file for delivery comprising:

a server that divides an information file into a first file and a second file (non-encrypted section and encrypted section) [page 7, paragraph 4 and page 3, paragraphs 3-5], wherein the second file includes content from the information file to preclude reconstruction of the information file using only the first file (i.e., non-encrypted section of the file contains part or low resolution version of the full image. In order to construct a full image or a high resolution image the encrypted section of the file is required) [page 7, last paragraph and page 8, first paragraph]; and that encrypts the second file [page 3, paragraph 3];

a device that receives the first file and the encrypted second file [page 7, paragraph 4], that decrypts the second file [page 3, paragraph 4 and page 8, paragraph 1], and that combines the first file and decrypted second file to reconstruct a usable version of the information file [page 3, paragraph 4]; and

a communication path that operably interconnects the server and the device [page 7, paragraph 4].

7. As per claim 2, Jandel teaches the method as applied to claim 1 above. Furthermore, Jandel teaches the method further comprising:

transmitting the first file and the encrypted second file to a device [page 7, last paragraph and page 8, first paragraph].

8. As per claims 3, 9 and 13, Jandel teaches the method as applied above. Furthermore, Jandel teaches the method, wherein the first file and the encrypted second file are transmitted via the Internet [page 1, paragraphs 3 and 4].

9. As per claims 4, 10 and 14, Jandel teaches the method as applied above. Furthermore, Jandel teaches the method, wherein the steps of encrypting includes:

using an RSA algorithm [page 1, paragraph 2].

10. As per claims 5, 11 and 15, Jandel teaches the method as applied above. Furthermore, Jandel teaches the method comprising:

adding use limitations to the second file [page 8, paragraph 1].

11. As per claims 6 and 16, Jandel teaches the method as applied above. Furthermore, Jandel teaches the method, wherein dividing the information file comprises:

selecting parts from the information file via a user selected pattern [page 7, paragraph 3].

12. As per claims 7 and 17, Jandel teaches the method as applied above. Furthermore, Jandel teaches the method, wherein dividing the information file comprises:

Selecting parts from the information file via a default pattern related to content contained in the information file, to form the second file [page 6, paragraph 2].

13. As per claim 18, Jandel teaches the system as applied above. Furthermore, Jandel teaches the system, wherein the device is at least one of personal computer, a printer and a digital appliance [page 1, paragraph 3, and 5].

### ***Conclusion***

14. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- a) US Patent No. 6,456,985 B1 to Ohtsuka
- b) US Patent No. 6,449,718 B1 to Rucklidge et al.
- c) US Patent No. 5,933,499 to Enari

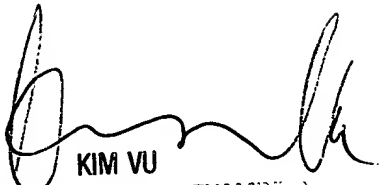
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Beemnet W Dada whose telephone number is (703) 305-8895. The examiner can normally be reached on Monday - Friday (8:30 am - 6:00 pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Y Vu can be reached on (703) 305-4393. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

May 12, 2004

Beemnet Dada

  
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